

# EP540P

## Heterophasic copolymer

**Description:**

EP540P is a nucleated heterophasic copolymer, suitable for injection molding applications. It exhibits high stiffness combined with good impact balance. Jampilen is typically used in luggage, houseware items, containers, caps and closures. EP540P is suitable for food contact.

**Typical Applications**

- Caps and closures
- Housewares
- Luggage
- Opaque Containers

**Features:** Good impact resistance, Good stiffness, Nucleated

**Suitable for:** Injection molding

**Product Specification**

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	15	g/10 min	ISO 1133
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Tensile Modulus	1400	MPa	ISO 527-1, -2
Tensile strength at Yield	28	MPa	ISO 527-1, -2
Tensile Elongation at Break	>50	%	ISO 527-1, -2
Tensile elongation at Yield	6	%	ISO 527-1, -2
Charpy impact strength (notched)			ISO 179
23 °C	7.0	kJ/m <sup>2</sup>	
0 °C	3.5	kJ/m <sup>2</sup>	
-30 °C	3.0	kJ/m <sup>2</sup>	
Ball indentation hardness (H 358/30)	63	MPa	ISO 2039-1
Vicat softening point A50	151	°C	ISO 306
H.D.T.B (0.45 MPa)	90	°C	ISO 75B-1, -2

\* Typical values; not to be considered as product specification.